Virtual Water
&
Water Footprint

What do you see in the picture?

Why can we save 2,500 liters of water when we recycle one t-shirt?

Virtual Water

Virtual water is the water we used when we produce food or goods. For example, it takes about 1300 tons (cubic meters) of water to produce a ton of wheat and 16000 tons (cubic meters) to produce a ton of beef

Word Bank
produce 製造
goods商品
example例如
1 cubic meter
=1000 liters

Virtual Water & Water Footprint 1

Water Footprint

Everything we use, wear, buy, sell and eat takes water to make. The water footprint measures the amount of water used to produce each of the goods and services we use. Let's watch a video to know more about water footprint. [U2-1]

Word Bank
measure 測量
amount 數量
service 服務

Virtual Water & Water Footprint 2

▶ Read the questions below and answer them after watching the video.

Q1: According to this video, where is water on earth's surface (表面)?

97% → Oceans
2% → Ice caps
1% → Lakes, ponds, and rivers

Q2: What are the three kinds of water footprint?

- **Green water (the water evaporated or saved in plants)**
- **Blue water (the use of fresh water of lakes and rivers or the one in the ground)**
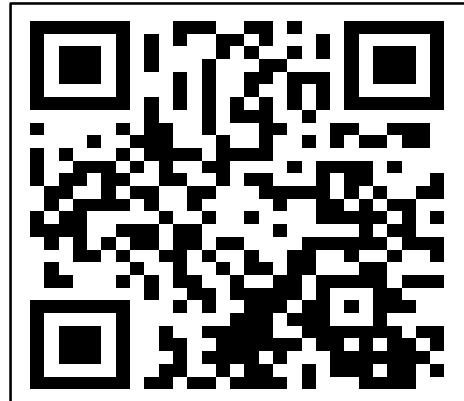- **Gray water (the fresh water used to clean the pollutants)**

Virtual Water &
Water Footprint 2

TYPES OF WATER FOOTPRINT:

GREEN WATER FOOTPRINT   BLUE WATER FOOTPRINT   GRAY WATER FOOTPRINT

Calculate your water footprint

Go to https://www.watercalculator.org/ or scan the QR code. Click "Find Your Footprint" button to estimate your water use. Use that information on the last page to complete the table.[U2-1]

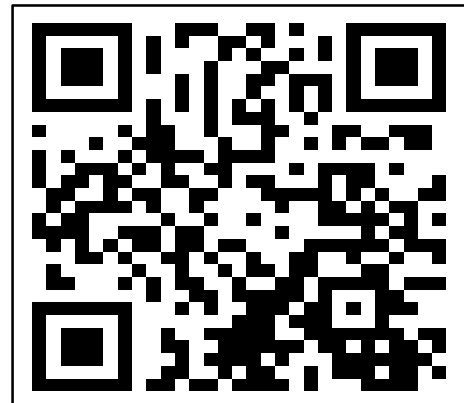Word Bank
estimate 預估
information 資訊
complete完成
table表格

Water Footprint Calculator

Surprising footprint?

Go to **https://www.watercalculator.org/** or scan the QR code. Click "Find Your Footprint" button to estimate your water use. Use that information on the last page to complete the table.[U2-1]

Word Bank
estimate 預估
information 資訊
complete完成
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Water Footprint Calculator